
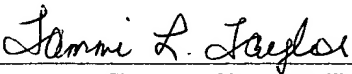


AMENDMENT TRANSMITTAL LETTER (Small Entity)					Docket No. MSU 4.1-560	
Applicant(s): David R. Dilley, Dina L. Kadyrzhanova, Zhenyong Wang and Toni Warner						
Application No. 09/924,841	Filing Date August 8, 2001	Examiner Yong D. Pak	Customer No. 21036	Group Art Unit 1652	Confirmation No. 2882	
Invention: MODIFIED SYNTHETASES TO PRODUCE PENICILLINS AND CEPHALOSPORINS UNDER THE CONTROL OF BICARBONATE						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application.						
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27						
The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	3 -	45 =	0	x \$9.00	\$0.00	
INDEP. CLAIMS	2 -	16 =	0	x \$43.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-0610 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
 _____ Ian C. McLeod Registration No. 20,931 McLeod & Moyne, P.C. 2190 Commons Parkway Okemos, Michigan 48864 (517) 347-4100			Dated: July 28, 2005 <div style="border: 1px solid black; padding: 5px;"> I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on July 28, 2005 _____ (Date)  _____ Signature of Person Mailing Correspondence Tammi L. Taylor _____ Typed or Printed Name of Person Mailing Correspondence </div>			
cc:						



MSU 4.1-560
Appl. No. 09/924,841
Amdt. dated July 26, 2005
Reply to Office Action of June 02, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/924,841 Confirmation No. 2882
Applicants : David R. Dilley, Dina L. Kadyrzhanova,
Zhenyong Wang and Toni M. Warner
Filed : August 08, 2001
Title : MODIFIED SYNTHETASES TO PRODUCE
PENICILLINS AND CEPHALOSPORINS UNDER THE
CONTROL OF BICARBONATE
TC/A.U. : 1652
Examiner : Yong D. Pak
Docket No. : MSU 4.1-560
Customer No. : 21036
Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. § 1.116

Sir:

In response to the Office Action mailed June 02, 2005, Applicants amend and remark as follows:

Amendments to the Claims are reflected in the Listing of Claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.